

120903

17114 U.S. PTO

National Aeronautics and  
Space AdministrationHeadquarters  
Washington, DC 20546-0001

Patent Application

NPO-30807-1-CU  
(NASA Docket No.)

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
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Sir:

Transmitted herewith for filing is the Patent Application of:

Applicant: BEARMAN, et al.

Inventor(s): GREGORY BEARMAN and DAVID COHEN

22141 U.S. PTO  
10/750574  
120903

Entitled: RING-INTERFEROMETRIC SOL-GEL BIO-SENSOR

Enclosed are:

- ☒ Specification, claims, and declaration.
- ☒ 5 sheets of drawing. ☒ Power of Attorney
- ☒ An assignment of the invention to the National Aeronautics and Space Administration.
- ☐ A license of the invention to the National Aeronautics and Space Administration.
- ☐ An international application under the PCT. (See PCT/RO/101, XII checklist.)

The fee has been calculated as shown below:

FOR (1)	CLAIMS FILED NUMBER		RATE (4)	FEE (5)
	FILED (2)	EXTRA (3)		
TOTAL CLAIMS — — — —	20-31 =	11	x 18 =	198.00
INDEPENDENT CLAIMS — — —	3-2 =	0	x 86 =	000.00
BASIC FEE (Minimum amount required) — — — — —				770.00
TOTAL FILING FEE				968.00

Please charge our Deposit Account No. 14-0116 in the amount shown as the total filing fee. The Commissioner is hereby authorized to charge an additional fee which may be required to effect the filing of this application under 37 CFR 1.16, or credit any overpayment to Deposit Account No. 14-0116.

December 9, 2003  
(Date)John H. Kusmiss  
(818) 354-7770John H. Kusmiss  
(Attorney of Record) (Reg. No.) 32,149

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CERTIFICATE OF MAILING BY "EXPRESS MAIL"  
UNDER 37 CFR 1.10 - SEPARATE PAPER

DOCKET NO.: NPO-30807-1-CU

In Re Application of: Gregory Bearman, et al.

Serial Number To be Assigned Filed Herewith

For: RING-INTERFEROMETRIC SOL-GEL BIO-SENSOR

Group Art Unit Unknown Examiner Unknown

I hereby certify that this paper is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated below and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

I hereby certify that the following were placed in the envelope by me and are enclosed herewith for filing of the Patent Application:

- [X] Transmittal letter (Original & 1 copy)
- [X] Specification (20 pages including 5 pages of Claims), Abstract (1 page), and Drawings (5 Sheets, Figures 1-10)
- [X] Information Disclosure Statement (1 Page) with PTO Form 1449 (1 Page) and 5 non-patent literature documents
- [X] Declaration and Power of Attorney (Original)
- [X] Assignment by Inventor to CalTech (Original) and Transmittal Letter (Original ~~& 1 copy~~)
- [X] Assignment by CalTech to NASA (Original) and Transmittal Letter (Original ~~& 1 copy~~)
- [X] Nonpublication Request under 35 U.S.C. 122(b)(2)(B)(i)
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**NONPUBLICATION REQUEST  
UNDER  
35 U.S.C. 122(b)(2)(B)(i)**

First Named Inventor **Gregory Bearman, et al.**

Title **RING-INTERFEROMETRIC SOL-GEL  
BIO-SENSOR**

Attorney Docket Number **NPO-30807-1-CU**

I hereby certify that the invention disclosed in the attached application **has not and will not be** the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing.

I hereby request that the attached application not be published under 35 U.S.C. 122(b).

December 9, 2003  
Date

John H. Kusmiss  
Signature

(818) 354-7770

Telephone number

John H. Kusmiss

Typed or printed name  
Reg. No.: 32,149

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**

This collection of information is required by 37 CFR 1.213(a). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 6 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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